## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,610,381 B2 Page 1 of 1

APPLICATION NO.: 10/660978

DATED: October 27, 2009

INVENTOR(S): Cherkasova et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 17, line 17, in Claim 10, delete " $N_{\mathbf{x}_{w_i}}^{memory}$ " and insert --  $N_{\mathbf{x}_{w_i}}^{disk}$  --, therefor.

In column 17, line 25, in Claim 10, delete " $cost_{X_{w_i}}^{memory}$ " and insert --  $cost_{X_{w_i}}^{disk}$  --, therefor.

Signed and Sealed this

Ninth Day of February, 2010

David J. Kappos Director of the United States Patent and Trademark Office